



13 Natal Street, Paarden Eiland, 7405
P.O. Box 498, Paarden Eiland, 7420
National: 0861 105 973
CPT: 021 510 5811
Fax: 021 510 5818
www.classiqcoatings.com
technical@classiqcoatings.com

TECHNICAL DATA SHEET

RADCOAT UV FRIDGE GLOSS (BP & BPA FREE) VSH VR2113FDR

DESCRIPTION

RADCOAT UV FRIDGE GLOSS (BP & BPA-FREE) VSH VR2113FDR is a gloss UV overprint varnish for paper and board designed to provide a high gloss and yield finish for food & label packaging. VR2113FDR has been specially formulated without using BISPHENOL A, BENZOPHENONE or 4-METHYL BENZOPHENONE. VR2113FDR is suitable for roller coating application in-line on wet UV inks or off-line on dry conventional inks.

FEATURES

- High slip
- Excellent gloss
- Acceptable defoaming
- High scuff and abrasion resistance
- Good adhesion to a variety of substrates
- Acceptable odour levels
- Outstanding mileage
- Fast curing

PROPERTIES

- | | |
|---------------------------|----------------------------------|
| ▪ Cure Speed (80W) | 140 m/min |
| ▪ Relative Density @ 25°C | 1.015 |
| ▪ Viscosity | 13 – 14 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | >90% (Valkraft board) |
| ▪ Angle of Slide | ≤15° |
| ▪ Foaming Test | <25 % |
| ▪ Flashpoint | N/A |

DRYING

By means of UV curing unit

PACKAGING AND STORAGE

Packed in 25 Kg pails or 20 Kg drums. Storage stability is six months in original, unopened containers at 20°C.

GENERAL

The components used in RADCOAT UV FRIDGE GLOSS (BP & BPA FREE) VSH VR2113 would be compliant with FDA regulations for indirect food contact.

VR2113FDR does not contain ITX (Isopropylthioxanthone), TAA (Titanium Acetylacetonate), BISPHENOL A, BENZOPHENONE or 4-METHYL BENZOPHENONE.

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

